

PATENT
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : D'Apice et al. Art Unit: 1643
Serial No.: 08/984,900 Examiner: Unknown
Filed : December 4, 1997
Title : MATERIALS AND METHODS FOR MANAGEMENT OF HYPERACUTE
REJECTION IN HUMAN XENOTRANSPLANTATION

Assistant Commissioner for Patents
Washington, DC 20231

SECOND PRELIMINARY AMENDMENT

Prior to examination, please amend the application as follows:

In the Specification

Please delete the title provided above and substitute therefore --PIGS AND PIG CELLS HAVING AN INACTIVATED α 1,3-GALACTOSYL TRANSFERASE GENE--.

Please enter the substitute Sequence Listing sheets and computer readable form enclosed herewith.

Please enter substitute Figures 4 and 5 enclosed herewith.

In the Claims

Please cancel claims 4-7, 12, 15-18, 21-26, 28-29, and 31.

Please add new claims 46-67 as follows:

46. A DNA construct comprising a disrupted porcine α -1,3 galactosyltransferase gene, wherein the disruption is by the insertion of an exogenous sequence into said gene such that the

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